

CONIX® FLEXIBLE LSHF WIRE



APPLICATION	OUTSTANDING FEATURES
Low smoke and halogen free material protect human life and environment in the event of fire.	• Flame retardant according to IEC 60332-3-22 • Halogen free according to IEC 670754-1; EN 50267-2-1 • Smoke Density according to IEC 61304 • Wide selection on outer sheath core colours • Guaranteed full copper conductor size of Class 5
Flexible wire for easy installation inside electrical devices and control cabinet.	

CHARACTERISTIC	CONSTRUCTION
Voltage Rating Uo/U 600/1000V	Conductor : Bare copper wire, finely stranded acc. to IEC 60228, VDE 0295, class 5
Temperature Rating Fixed: -30°C to +90°C Flexing: -5°C to +80°C	Insulation : LSHF
Minimum Bending Radius 6xOD [cross section < 16 mm²] 10xOD [cross section ≥ 16 mm²]	Insulation Color : ● Black ● Brown ● Violet ● Pink ● Green ● Green/Yellow ● Red ● Orange ● Grey ● Yellow ○ White ● Blue (RAL 5015) ● Light Blue (RAL 5024) ● Dark Blue (RAL 5010) ● White/Blue

COLOR CODES

* Green/Yellow = Yellow base Green stripe

	BK	GN YE	BU	BN	RD	GY	VT	OG	YE	PK	LBU	WH	GN	DB	WH BU
	Part No.	Coonductor Cross - sec. mm²	AWG, apprx.	Outer Diameter	Copper weight kg/km	Weight kg/km, apprx.									
Flexible LSHF Wire	441A5XX	0.5	21	2.5	4.7	11.6									
	441A75XX	0.75	19	2.7	7.0	14.8									
	4411XX	1	18	2.9	9.3	17.9									
	4411A5XX	1.5	16	3.2	13.6	23.3									
	4412A5XX	2.5	14	3.6	22.7	34.2									
	4414XX	4	12	4.6	36.7	54.8									
	4416XX	6	10	5.2	55.0	76.2									
	44110XX	10	8	6.1	93.1	119.1									
	44116XX	16	6	7.5	149.0	189.1									
	44125XX	25	4	9.3	232.7	293.3									
	44135XX	35	2	10.6	325.8	399.0									
	44150XX	50	1	12.3	465.4	555.2									
	44170XX	70	2/0	14.1	647.3	754.9									
	44195XX	95	3/0	16.5	881.8	1027.0									
	441120XX	120	4/0	18.1	1116.3	1280.7									

Packing: in cardboard box (100m) size: 0.5 - 2.5mm²

Others size: in coil or drum form

Photographs are not to scale and do not represent detailed images of the respective products.